

CLAIMS LISTING:

- 1) (Currently Amended) A process for preparing nanocrystalline lithium titanate spinels, which comprises reacting lithium hydroxide and a titanium alkoxide at elevated temperature from 50 to 180 °C in a reaction mixture which forms water of reaction, wherein said nanocrystalline lithium titanate spinels have a particle size from 1 to 10 nm.
- 2) (Original) A process for preparing nanocrystalline lithium titanate spinels as claimed in claim 1, wherein the reaction mixture which forms water of reaction comprises an alcohol or a glycol ether and a carboxylic acid.
- 3) (Currently Amended) A process for preparing nanocrystalline lithium titanate spinels as claimed in claim 1, wherein the reaction is carried out at ~~from 50 to 180 °C~~ and a pressure of from 0.1 to 3 bar.
- 4) (Currently Amended) A process for preparing nanocrystalline lithium titanate spinels as claimed claim 1, wherein ~~the~~ a molar ratio of titanium alkoxide to ~~the~~ a first component for the reaction forming water of reaction is from 0.8:1 to 50:1.
- 5) (Currently Amended) A process for preparing nanocrystalline lithium titanate spinels as claimed in claim ~~1~~ 4, wherein a molar ratio of the first component to ~~the~~ a second component for the reaction forming water of reaction is from 3:1 to 0.95:1.
- 6) (Previously Presented) A process for preparing nanocrystalline lithium titanate spinels as claimed claim 1, wherein the spinels are sintered at from 350 to 700 °C.
- 7) (Currently Amended) A process for preparing nanocrystalline lithium titanate spinels as claimed in claim 1, wherein the particle size is from ~~1 to 200 nm~~ 2 to 8 nm.
- 8) (Currently Amended) A nanocrystalline lithium titanate spinel which has a ~~particle size of from 1 to 200 nm~~ and is prepared as claimed in claim 1.

9) (Cancelled)

10) (Previously Presented) A rechargeable lithium battery comprising nanocrystalline lithium titanate spinels prepared as claimed in claim 1 as anode material.